IN THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

- 1. (Original) A method for data recovery in a continuous data protection system, the system having a primary volume and a secondary volume, the method comprising the steps of:
 - (a) selecting a snapshot of the primary volume to be recovered;
 - (b) selecting a location on which the snapshot is to be loaded;
 - (c) creating a point in time (PIT) map for the selected snapshot; and
 - (d) loading the selected snapshot at the selected location.
- 2. (Original) The method according to claim 1, wherein step (a) includes selecting a scheduled snapshot.
- 3. (Original) The method according to claim 1, wherein step (a) includes selecting an any point in time (APIT) snapshot.
- 4. (Original) The method according to claim 3, further comprising the step of creating a delta map spanning the time between the time of the selected APIT snapshot and a time of a second delta map, the second delta map immediately

preceding the selected APIT snapshot, the creating step being performed prior to

step (c).

5. (Original) The method according to claim 4, wherein the created

delta map includes changes made between the time of the selected APIT snapshot

and the time of the second delta map.

6. (Original) The method according to claim 1, wherein step (b)

includes selecting a logical unit on which the snapshot is to be loaded.

7. (Original) The method according to claim 1, wherein step (c)

includes merging the created delta map with all delta maps earlier than the second

delta map.

8. (Original) The method according to claim 7, wherein the merging

step is optimized by using pre-merged delta maps.

9. (Original) The method according to claim 1, further comprising the

step of:

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(e) resolving a data block from the PIT map to determine which block on

the secondary volume is presented as being part of the snapshot.

10. (Original) The method according to claim 9, further comprising the

step of:

(f) accessing the snapshot via a host computer as if the snapshot was the

primary volume at an earlier point in time, corresponding to the time of the selected

snapshot.

11. (Original) The method according to claim 1, further comprising the

step of:

controlling access to the loaded snapshot, wherein only authorized host

computers can access the loaded snapshot.

12. (Currently amended) A system for data recovery in a continuous

data protection system, comprising:

a host computer;

a primary data volume;

a secondary data volume; and

a data protection system, configured to:

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ereating means for creating create a snapshot of said primary data

volume;

storing means for storing store said snapshot on said secondary data

volume;

selecting means for selecting select a snapshot on said secondary data

volume; [[and]]

select a logical unit for loading said selected snapshot; and

accessing means for accessing access said selected snapshot on the

selected logical unit via said host computer.

13. (Currently amended) The system according to claim 12, wherein

said storing means includes data protection system is configured to store said

snapshot by inserting a marker inserted into a write log on said secondary data

volume.

14. (Canceled)

15. (Canceled)

16. The system according to claim [[15]] 12, (Currently amended)

wherein said first selecting means includes selecting data protection system is

configured to select a scheduled snapshot.

17. (Currently amended) The system according to claim [[15]] 12,

wherein said first selecting means includes selecting data protection system is

configured to select an any point in time (APIT) snapshot.

18. (Currently amended) The system according to claim 17, wherein

said data protection system is further comprising:

second-creating means for creating configured to create a delta map spanning

the time between the time of said selected APIT snapshot and a time of a second

delta map, said second delta map immediately preceding said selected APIT

snapshot.

19. (Original) The system according to claim 18, wherein said created

delta map includes changes made between the time of said selected APIT snapshot

and the time of said second delta map.

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20. (Currently amended) The system according to claim 12, wherein

said accessing means presents data protection system is configured to present said

selected snapshot to a user as if said selected snapshot were said primary data

volume at an earlier point in time, corresponding to the time of said selected

snapshot.

21. (Currently amended) The system according to claim 12, wherein

said data protection system is further comprising:

controlling means for controlling configured to control access to said selected

snapshot.

22. (Currently amended) The system according to claim 21, wherein

said controlling means permits data protection system is configured to permit only

authorized host computers to access said selected snapshot.

23. (New) A computer-readable storage medium containing a set of

instructions for a general purpose computer, the set of instructions comprising:

a first selecting code segment for selecting a snapshot of the primary volume

to be recovered;

a second selecting code segment for selecting a location on which the snapshot is to be loaded;

a creating code segment for creating a point in time (PIT) map for the selected snapshot; and

a loading code segment for loading the selected snapshot at the selected location.

24. (New) The storage medium according to claim 23, wherein the set of instructions further comprises:

a second creating code segment for creating a delta map spanning the time between the time of a selected any point in time (APIT) snapshot and a time of a second delta map, the second delta map immediately preceding the selected APIT snapshot.

25. (New) The storage medium according to claim 23, wherein the set of instructions further comprises:

a resolving code segment for resolving a data block from the PIT map to determine which block on the secondary volume is presented as being part of the snapshot.

26. (New) The storage medium according to claim 23, wherein the set of instructions further comprises:

an accessing code segment for accessing the snapshot via a host computer as if the snapshot was the primary volume at an earlier point in time, corresponding to the time of the selected snapshot.

27. (New) The storage medium according to claim 23, wherein the set of instructions further comprises:

a controlling code segment for controlling access to the loaded snapshot, wherein only authorized host computers can access the loaded snapshot.